



Collider-Accelerator Department Worker Occupational Safety and Health Committee

Date: March 30, 2005
To: WOSH Committee and Guests
From: P. Sparrow, R. Savage
Subject: Minutes for 3/23/05 - WOSH Committee Meeting

Members: R. Akins, M. Bannon*, J. Beebe-Wang, J. Carlson, R. Conte, J. Cupolo, D. Derryberry, F. Dusek, J. Guercio, J. Laster, D. Lazarus, C. Liaw, B. Mullany*, J. Nicolellis*, D. Oldham, S. Pontieri, M. Sardzinski, R. Savage, W. Shaffer, T. Shrey*, L. Snyderstrup, P. Sparrow, D. Steski*, F. Teich, W. Venegas, L. Vogt* and D. Weiss*.
(* denotes not in attendance)

Guests: P. Cirnigliaro, R. Karol, E. Lessard and A. Lamberti

The primary focus of the meeting was to inform WOSH Committee Members of BNL's current safety statistics, National Recognized Testing Lab (NRTL) requirements for purchasing items and related FRA/JRA updates. In addition, committee members were updated on last November's Safety Week topics and informed on a management decision to purchase two automatic external defibrillators (AEDs) at C-AD. Each guest speaker provided overheads of their respective topic and requested each WOSH Committee Member to bring these findings back to their respective group for discussion during their weekly safety meetings. The specific details concerning each discussion are as follows:

Peter Cirnigliaro identified that during the second quarter of 2005, BNL has passed their yearly limit with twelve (12) DART cases. Based on this, BNL can only achieve the Excellent Criteria if injuries are kept to a minimum during the next two quarters.

Ed Lessard identified that BNL has engineered many electrical devices that have not been approved by a nationally recognized testing laboratory such as Underwriters Laboratory (UL) per OSHA in 10CFR Part 29, subpart F. In accordance with requirements, BNL can establish a committee who has the Authority Having Jurisdiction (AHJ). Each operating BNL Department will have their own AHJ (total of five C-AD members by 6/30/05) that will receive specific training to the code requirements and will be responsible for reviewing and approving legacy items and new items that are not listed by an NRTL. This effort is scheduled for completion by 6/30/09. In addition, it was emphasized that as of 6/30/05 only approved NRTL electrical equipment should be purchased within our facilities if they are available. Ed Lessard also identified that in the first two weeks of

April, prior to the DOE Review on NFPA 70E during the week of April 18th, C-AD will provide a revised, more extensive Electrical Training Course to applicable C-AD personnel which incorporates NFPA 70E requirements.

Question: Bill Venegas asked can we use printed circuit boards that were designed by us, while personnel are being AHJ trained? Ed Lessard stated that in situations like that, Jon Sandberg the C-AD Chief Electrical Engineer should be contacted for approval.

Ray Karol identified that C-AD and the Magnet Division have updated many Facility Risk Assessments (FRAs) and Job Risk Assessments (JRAs) that may directly affect our daily tasks. Each WOSH Committee Member was requested to review at least one of these assessments on the C-AD web page and send comments back to him or Ed Lessard. On March 24, 2005 all WOSH Committee Members received FRA/JRA links via E-mail from R. Karol. Ed Lessard emphasized that Derek Lowenstein wants everyone on the WOSH Committee to get involved in the JRA process. W. Shaffer also stated that JRAs has helped LINAC personnel with their job planning efforts.

Question: Rich Conte asked how specific should a JRA be? Ray Karol stated that the purpose right now is not to address a JRA for every job, but rather to provide useful review of major jobs with the highest risks. An example was the feedback received from CAS Watch. When CAS reviewed one JRA they mentioned that when two individuals are performing a job, one of the two acts as a safety watch. This additional hazard control, a safety watch, was overlooked when the JRA was originally prepared but was accounted for in the risk calculation during this current annual review process.

Ray Karol also identified that 25% of last November's Safety Week topics were acted upon by management. An example of this is quicker response time for snow clearing priorities. These priority areas are now identified with blue snow flakes signs on specific buildings. In addition, on March 24, 2005 all WOSH Committee Members received a link via e-mail to review these topics and the actions taken.

Question: Frank Dusek asked how does one get to the ice melt when the weather is bad. R. Karol stated that individuals should call their respective Building Manager for assistance. He also stated that the laboratory has hired a private contractor to assist with plowing the roads and building entrances. R. Karol noted that two years ago C-AD tried to get cans of ice melt/sand in parking lots but the IBEW refused to allow this since it was a union job.

Question: Jonathan Laster asked who do we call about roof repairs? P. Sparrow stated that due to budget restraints the Building Manager should be contacted who may already have this concern on a priority list. An example of this was the request to add additional parking at AGS. Presently, this request is on hold due to budget restraints.

Peter Cirnigliaro identified that C-AD Management will purchase two automatic external defibrillators (AEDs) at a cost of \$6,000. Presently, the CPR training course provides the necessary training on the use of an automatic external defibrillator (AED). However, the location

for the defibrillators has not been decided. There are many factors for C-AD to consider such as reviewing response time surveys and identifying high risk groups. The surveys show us that the average emergency response time for the AGS area is 4 minutes and RHIC is 7 minutes. Peter Cernigliaro requested that WOSH Committee Members bring this back to their respective group for discussion and to provide suggested locations.

Question: Rich Conte asked if the CPR course provides you with enough instructions to operate a defibrillator? Walt Shaffer and Frank Dusek stated that the CPR training provides clear defibrillator instructions and that the device is easy to use. In addition, Frank Dusek stated that statistics show us that there is a 95% survival rate attributed to individuals who receive CPR and if needed AED.

Question: Frank Dusek asked why C-AD is only purchasing two defibrillators? Ed Lessard stated that it's a start and each year depending on budget restraints we can increase that number.

Question: Frank Teich asked if there are any plans to have a defibrillator setup on the floor in the Magnet Division? Ed Lessard stated defibrillator locations are under review and this is why feedback from your groups is important.

Closing Meeting Comments: Paul Sparrow stated that when an emergency arises one should use a fire alarm instead of a phone. The fire alarm provides emergency personnel with an exact location and increases response time. In addition, Paul Sparrow stated that he would like to thank the numerous personnel who responded to the temporary stop sign issue next to the building 811 restoration project.

Copy to:

Aronson, S.

Harrison, M.

Karol, R.

LaMontagne, S.

Lessard, E.

Lowenstein, D.

Ozaki, S.

Passarello, D.

Pile, P

Roser, T

Sandberg, J.

Tuozzolo, J.

Williams, P.

WOSH Committee Members